

Title (en)
Shaft furnace taphole piercing machine

Title (de)
Schachtofenabstichmaschine

Title (fr)
Machine de perçage d'un trou de coulée d'un four à cuve

Publication
EP 0574729 B1 19981202 (FR)

Application
EP 93108260 A 19930521

Priority
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Abstract (en)
[origin: GB2267956A] A machine by which a rod (54) is driven into taphole clay, before it has fully hardened, and is later extracted to open the taphole, comprises a mounting, a carriage (32) which can be displaced along this mounting and a drive means for the carriage (32). Guide means (68, 70) define a guide channel (64) for the rod and have a longitudinal opening (78) giving access to inside the guide channel (64), perpendicularly to its axis. A finger (42) penetrates through the said longitudinal opening (78) to inside the said guide channel (64) to exert an axial thrust on one end of the piercing rod (54). <IMAGE>

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